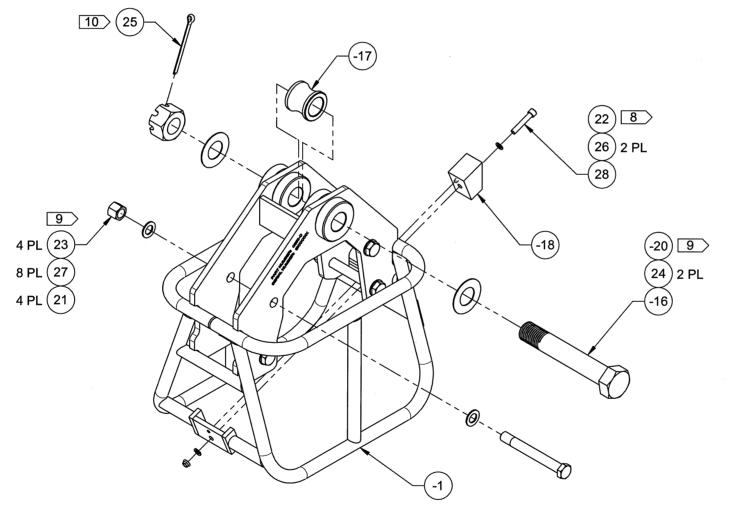
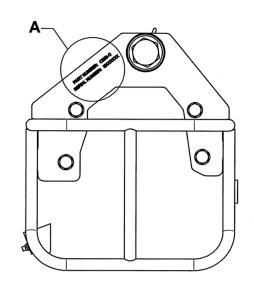
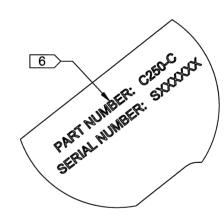


		i	3
ITEM#	QTY	PART#	PART TITLE
-1	1	C250-C-1	C250 CAGE WELDMENT
-16	1	C250-C-16	LIFTING BOLT
-17	1	C250-C-17	LIFTING BUSHING
-18	1	C250-C-18	BUMPER ASSEMBLY
-20	1	C250-C-20	LIFTING NUT
21	4	AN12-61A	CAD. PLATED STEEL HEX BOLT 3/4"-16 X 5-3/16" GRIP LG. X 6-13/32" LG.
22	1	MS21042-6	CAD. PLATED STEEL SELF-LOCKING NUT 3/8"-24 X 0.275" HT.
23	4	MS21044N12	CAD PLATED STEEL SELF-LOCKING HEX NUT 3/4"-16 X 0.873" HT.
24	2	MS21299-24	CAD. PLATED STEEL WASHER 1.504" ID. X 2.879" OD. X 0.062" THK.
25	1	MS24665-690	CAD. PLATED STEEL COTTER PIN 5/16" DIA. X 4" LG.
26	2	NAS1149F0663P	CAD. PLATED STEEL WASHER 0.390" ID. X 0.625" OD. X 0.063" THK.
27	8	NAS1149F1290P	CAD PLATED STEEL WASHER 0.765" ID. X 1.312" OD. X 0.090" THK.
28	1	NAS1351-6-32P	CAD. PLATED STEEL SOCKET HEAD CAP SCREW 3/8"-24 X 2" LG.







**DETAIL A** 

ND SYMMETRY
N ACCHOMA

ABOUT ALL CENTER LINES = +/-0.005"

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NOTES: 1) MATERIAL: N/A 2) HEAT TREAT: N/A 3) FINISH: N/A

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7) ASSEMBLE AS SHOWN
8) TORQUE ITEM 22 TO 13-16 FT-LBS (160-190 IN-LBS)
9) INSTALL ITEMS -20 AND 23 HAND TIGHT
10) DO NOT FOLD ITEM 25

DESIGN	KPT
DRAWN	KPT
CHECKED	ZF
MFG. APPR.	DP
APPROVED	XH

ATE	201	9-1	0-21

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
TOOL PART # C250-C	SHE	REV. [ ET 2 OF 2		
C250 CAGE ASSEMBLY	SCALE	<b>₽</b>		

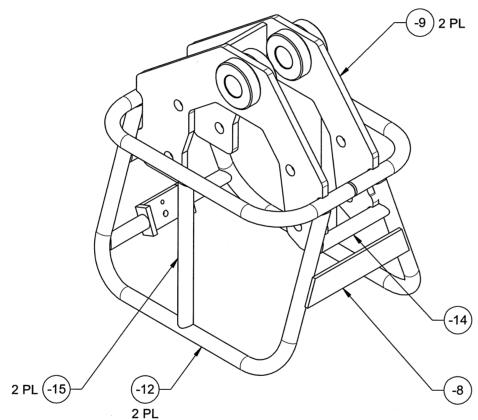
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D

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## C250-C-1 C250 CAGE WELDMENT 9

NOTES: 1) MATERIAL: N/A

В

2) HEAT TREAT: N/A

3) FINISH: PRIME AND PAINT RED AS PER QSI 005 SECTION 4.2.2 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/-0.01" / +/-0.5°

X.XXX = +/- 0.005" / +/- 0.1° X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

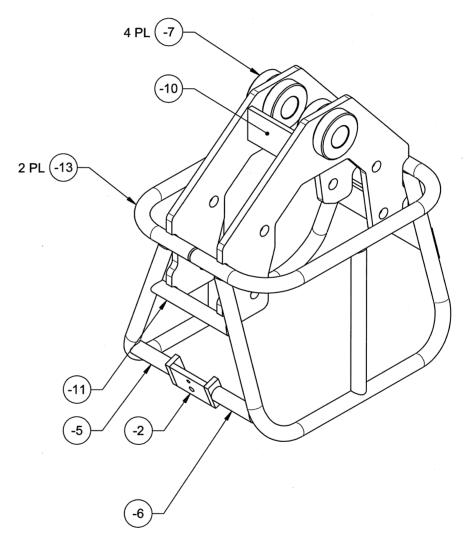
5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

7) ASSEMBLE AS SHOWN

8) REMOVE ALL WELD SPATTERS

9) NOTCH ENDS OF ITEMS -5, -6, -11, -12, -14, AND -15 AS REQUIRED, PRIOR TO WELDING



DESIG	١	KPT	NAMES AND ADDRESS.
DRAW	4	KPT	
CHECK	ED	ZF	TOOL PA
MFG. A	PPR.	DP	C250
APPRO	VED	VI	TITLE
			C250
DATE	2019	-10-21	

DART	<b>AERO</b>	SPAC	CE LTD
11414///	DI IDV O	ITADIO A	041404

HAWKESBURY, ONTARIO, CANADA PART#

0-C

0 CAGE ASSEMBLY

SHEET 3 OF 23 SCALE NTS D

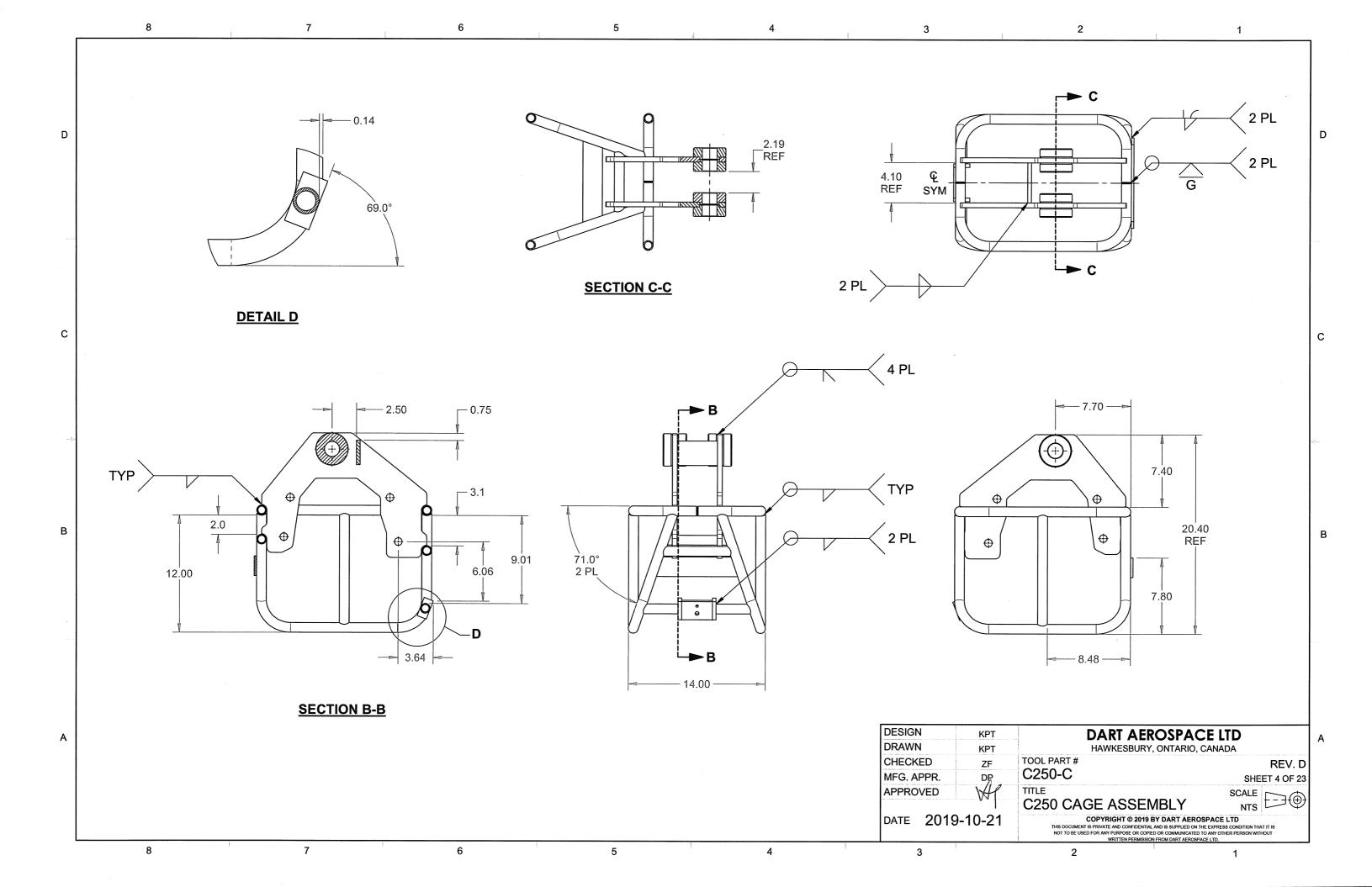
REV. D

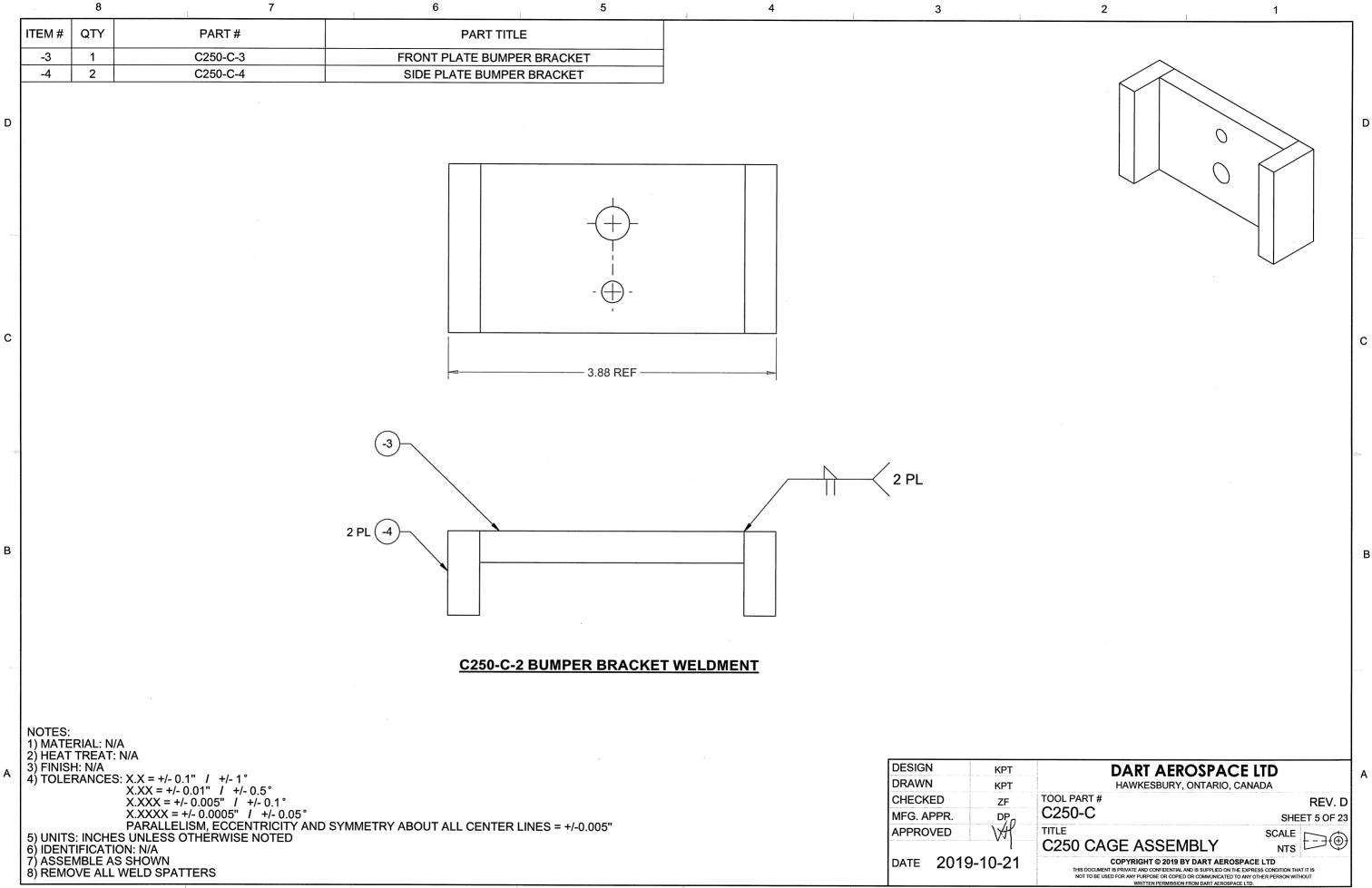
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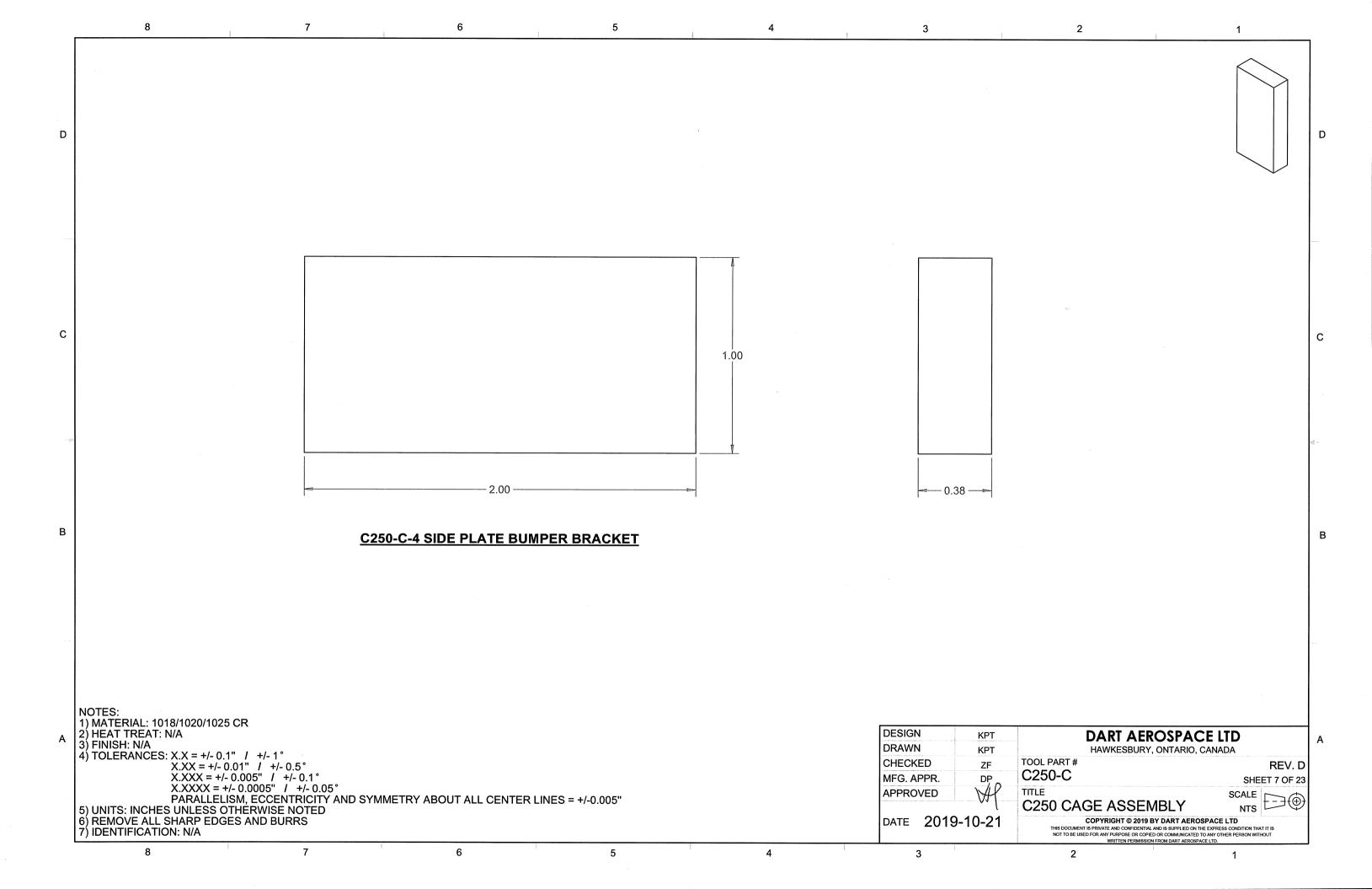


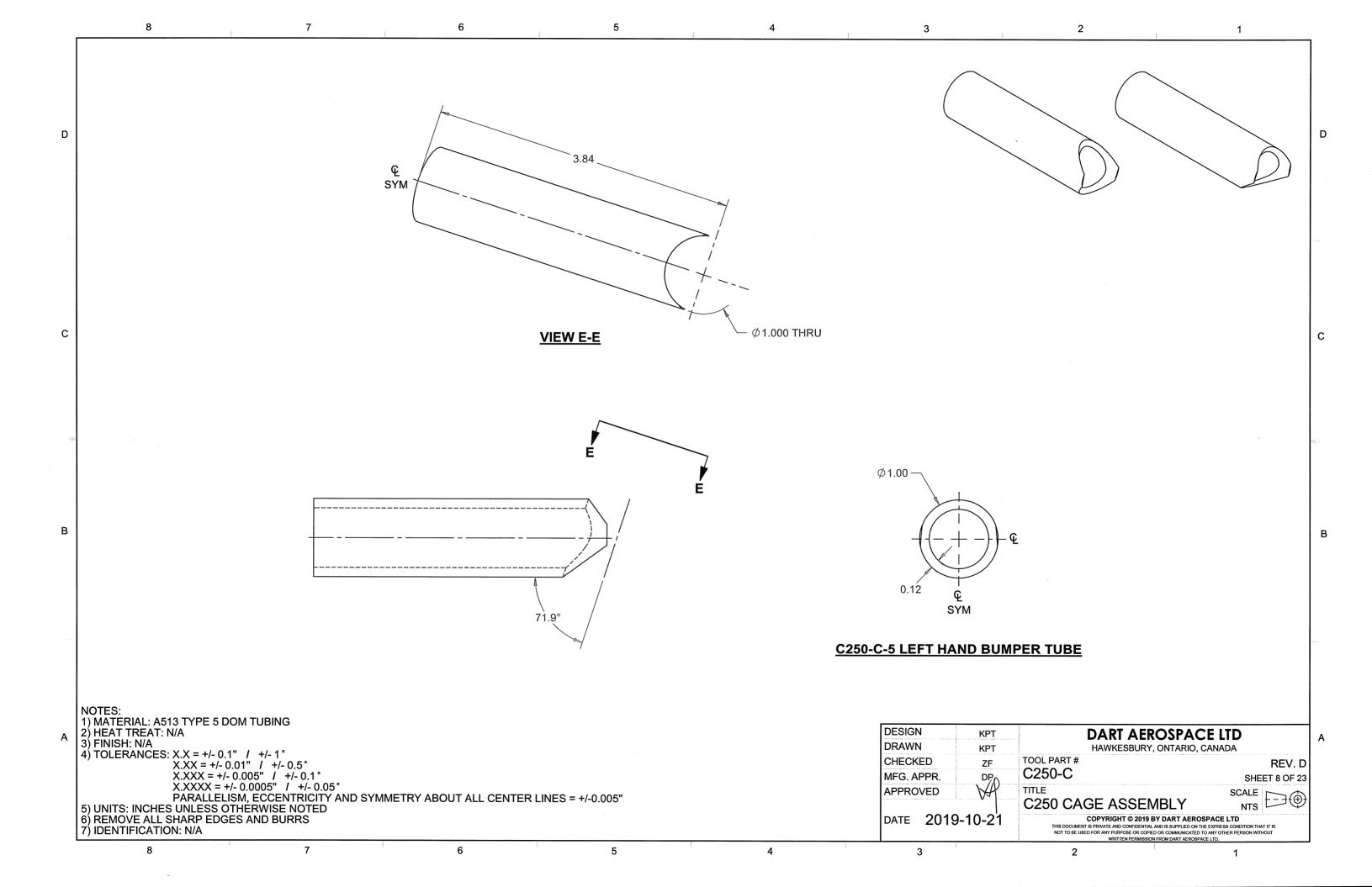
TOWN DIVITION FOR EVEN.

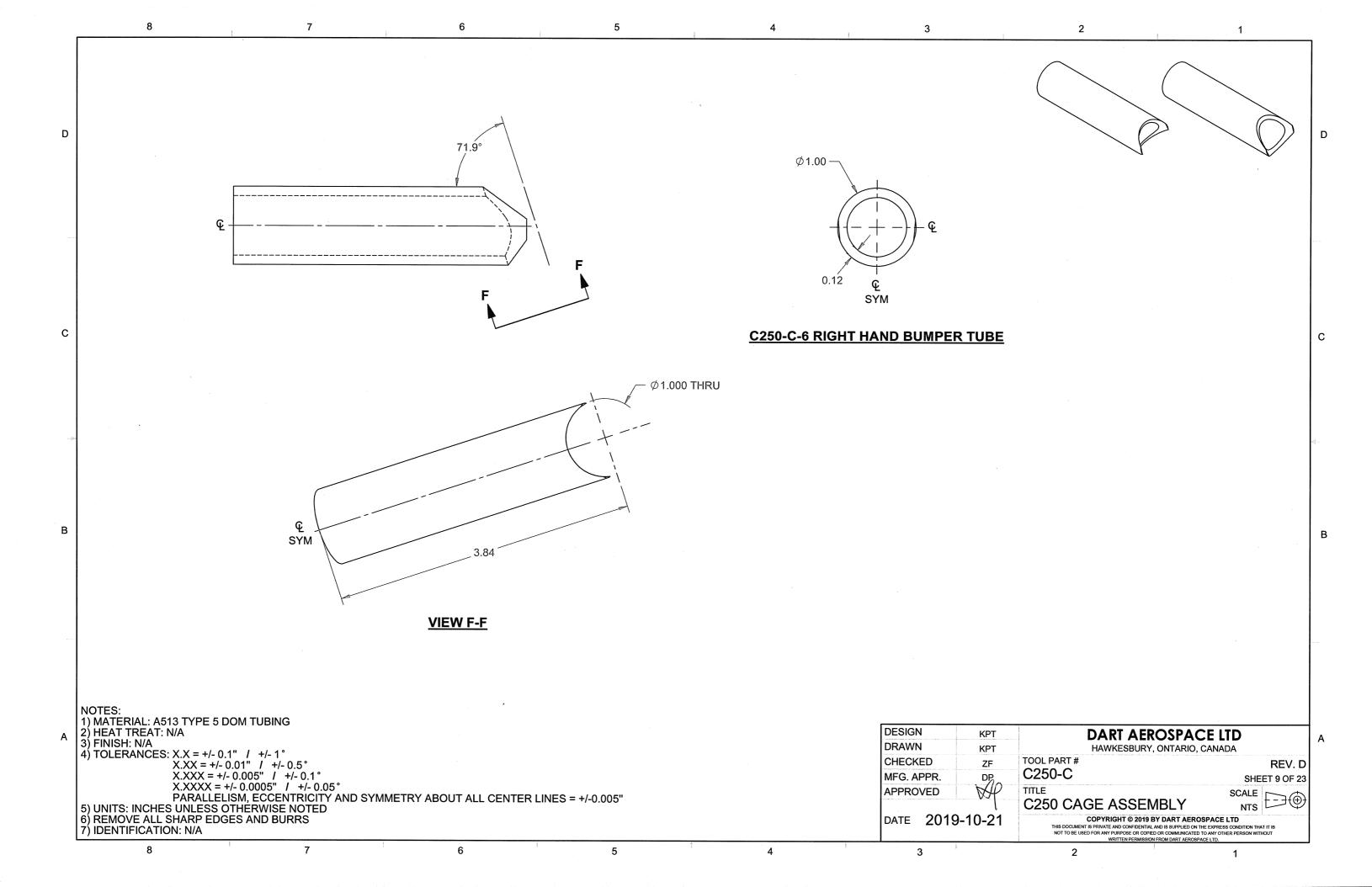
3 D Ø0.397 THRU -Ø0.257 THRU SYM 0.812 2.00 0.70 3.13 0.38 C250-C-3 FRONT PLATE BUMPER BRACKET NOTES: 1) MATERIAL: 1018/1020/1025 CR 2) HEAT TREAT: N/A DESIGN DART AEROSPACE LTD KPT 3) FINISH: N/A 4) TOLERANCES: X.X = +/- 0.1" / +/- 1° DRAWN HAWKESBURY, ONTARIO, CANADA KPT CHECKED TOOL PART # X.XX = +/-0.01" / +/-0.5° ZF REV. D C250-C X.XXX = +/- 0.005" / +/- 0.1° X.XXXX = +/- 0.0005" / +/- 0.05° MFG. APPR. DP, SHEET 6 OF 23 **APPROVED** TITLE PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS SCALE NTS -C250 CAGE ASSEMBLY DATE 2019-10-21 COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS COMDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT 7) IDENTIFICATION: N/A 7 3 2







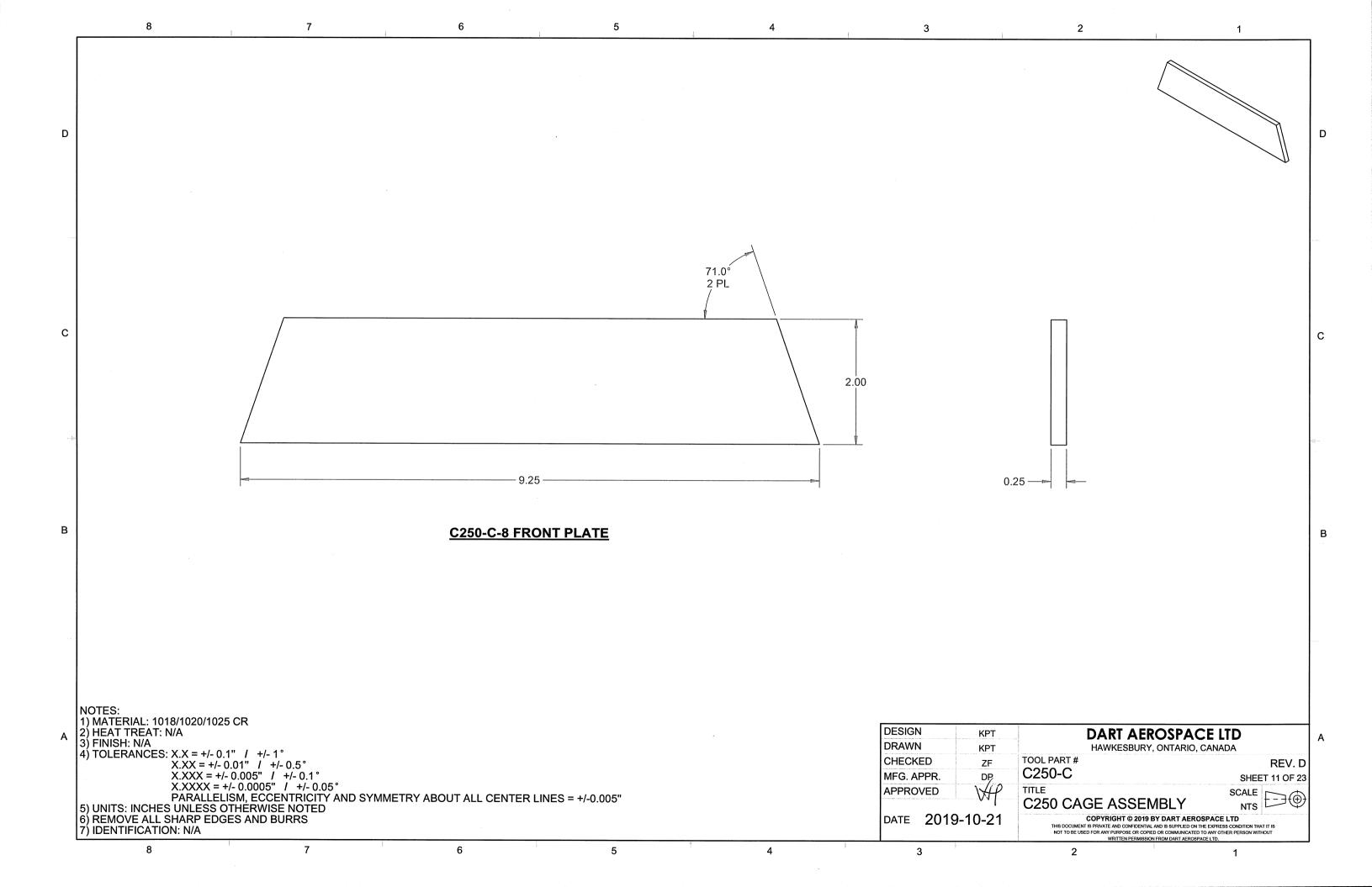
D D Ø3.31 0.08 X 45.0° CMF--0.13 X 45.0° CMF R0.008 MAX 0.04 X 45.0°CMF-3 PL С Ø 1.994 1.990 SYM SYM Ø1.531 THRU - 0.240<sup>+0.000</sup> - 0.005 В SYM 1.195 -C250-C-7 CAGE BOSS **SECTION G-G** NOTES: 1) MATERIAL: 1018/1020/1025 CR 2) HEAT INCALLISM.
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
YYY = +/- 0.005" / +/- 0. 2) HEAT TREAT: N/A DESIGN KPT DART AEROSPACE LTD DRAWN KPT HAWKESBURY, ONTARIO, CANADA CHECKED TOOL PART # ZF REV. D X.XX = +/- 0.005" / +/- 0.5

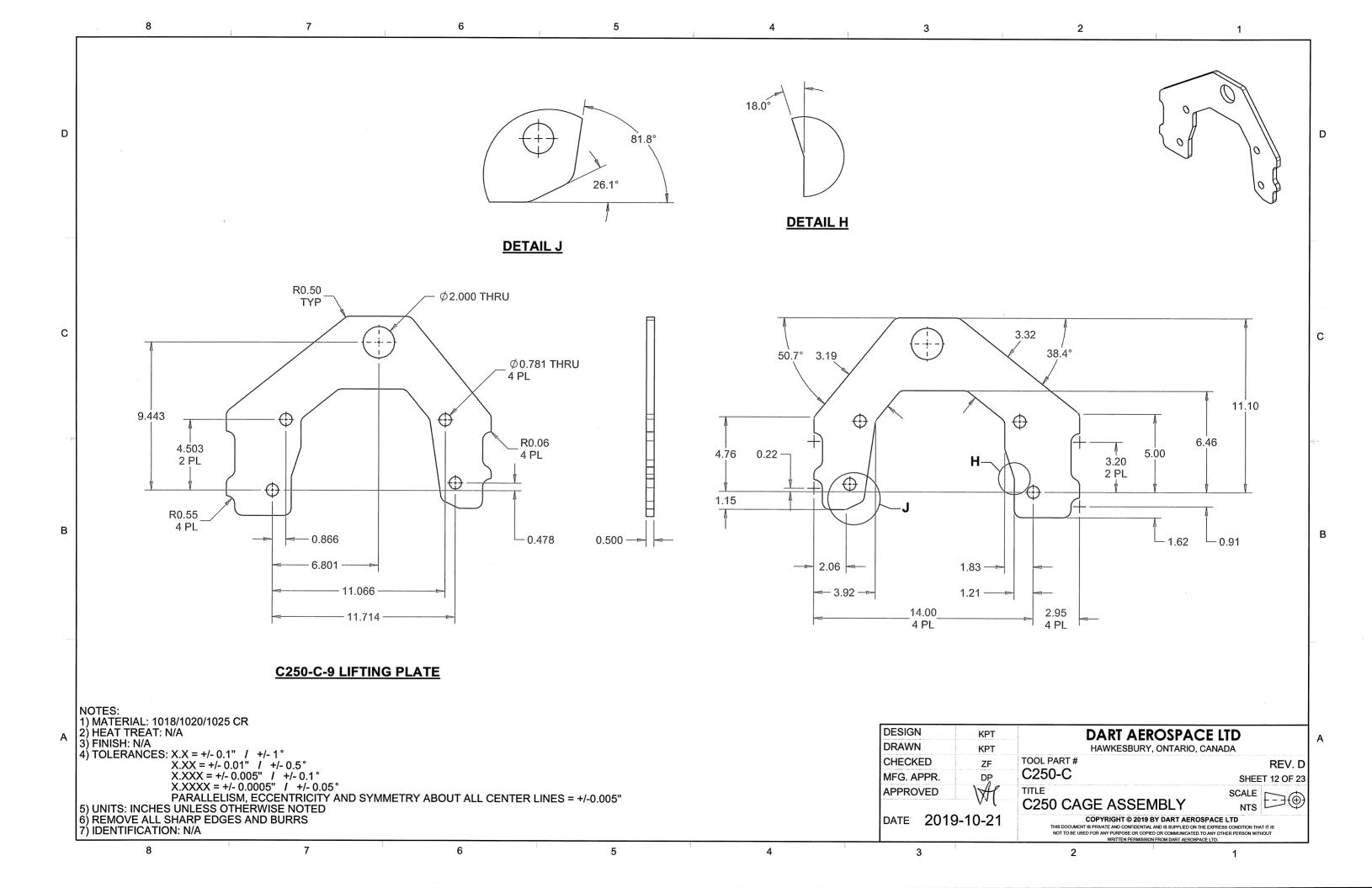
X.XXX = +/- 0.005" / +/- 0.1°

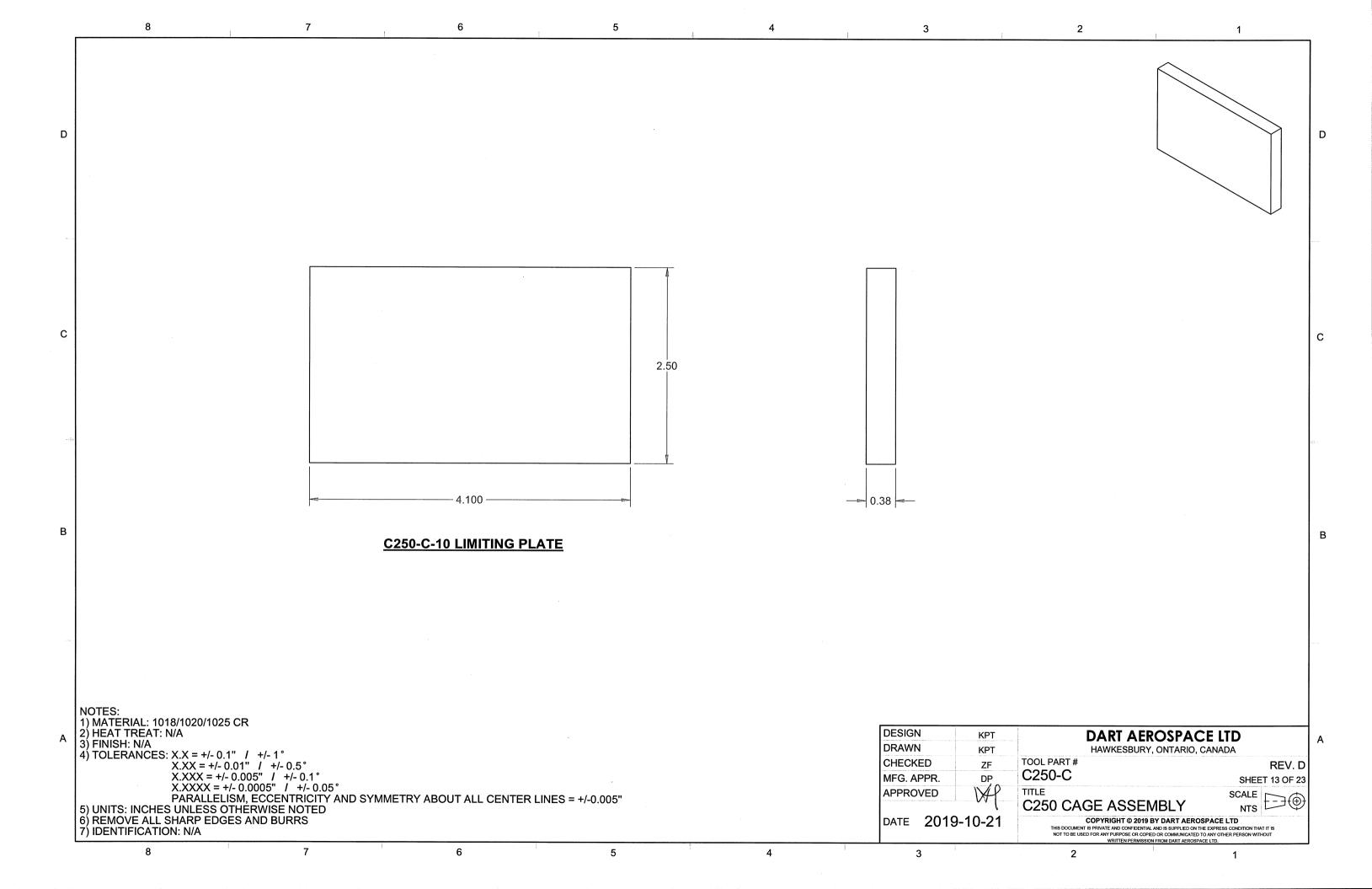
X.XXXX = +/- 0.0005" / +/- 0.05°

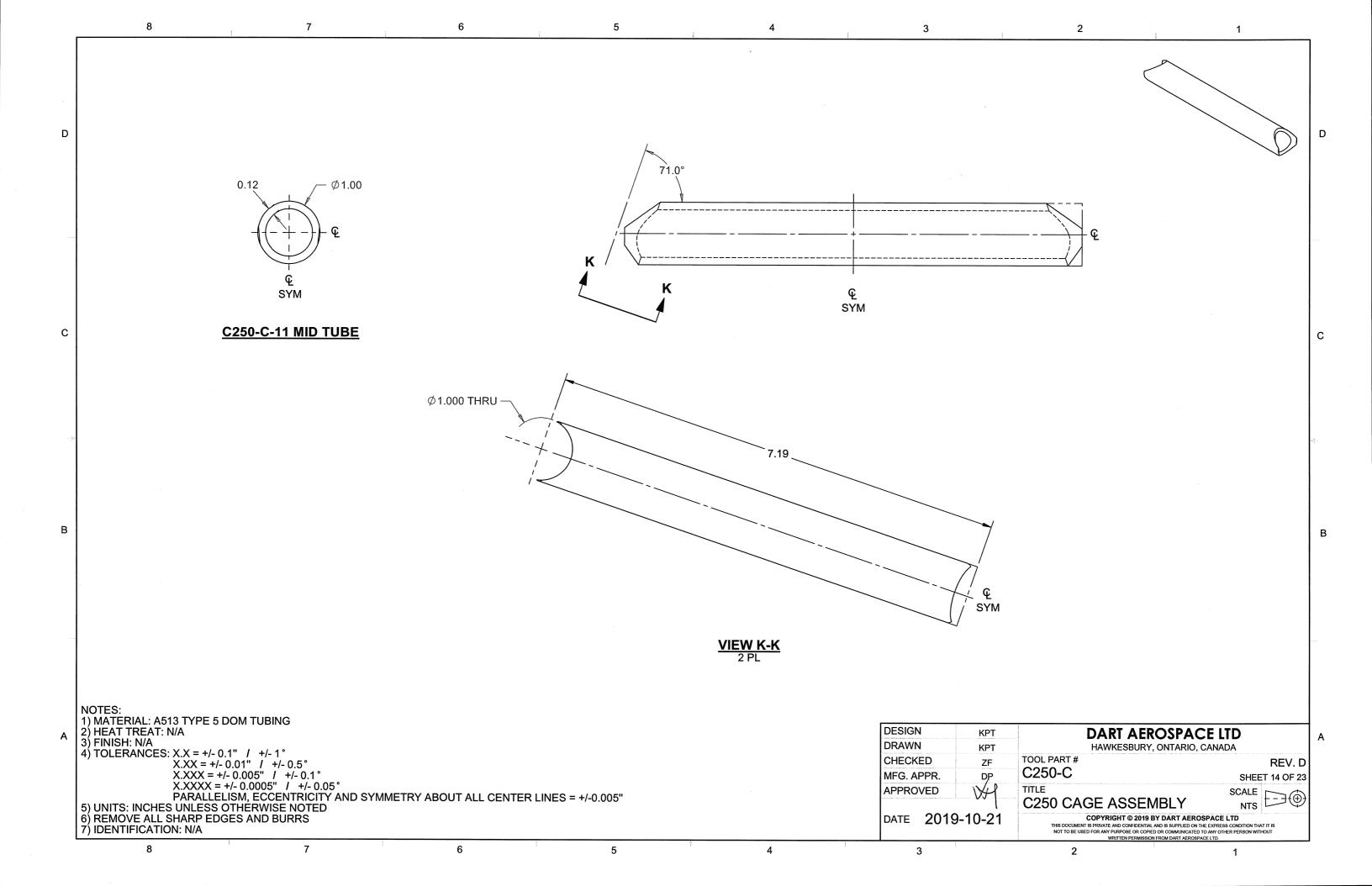
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

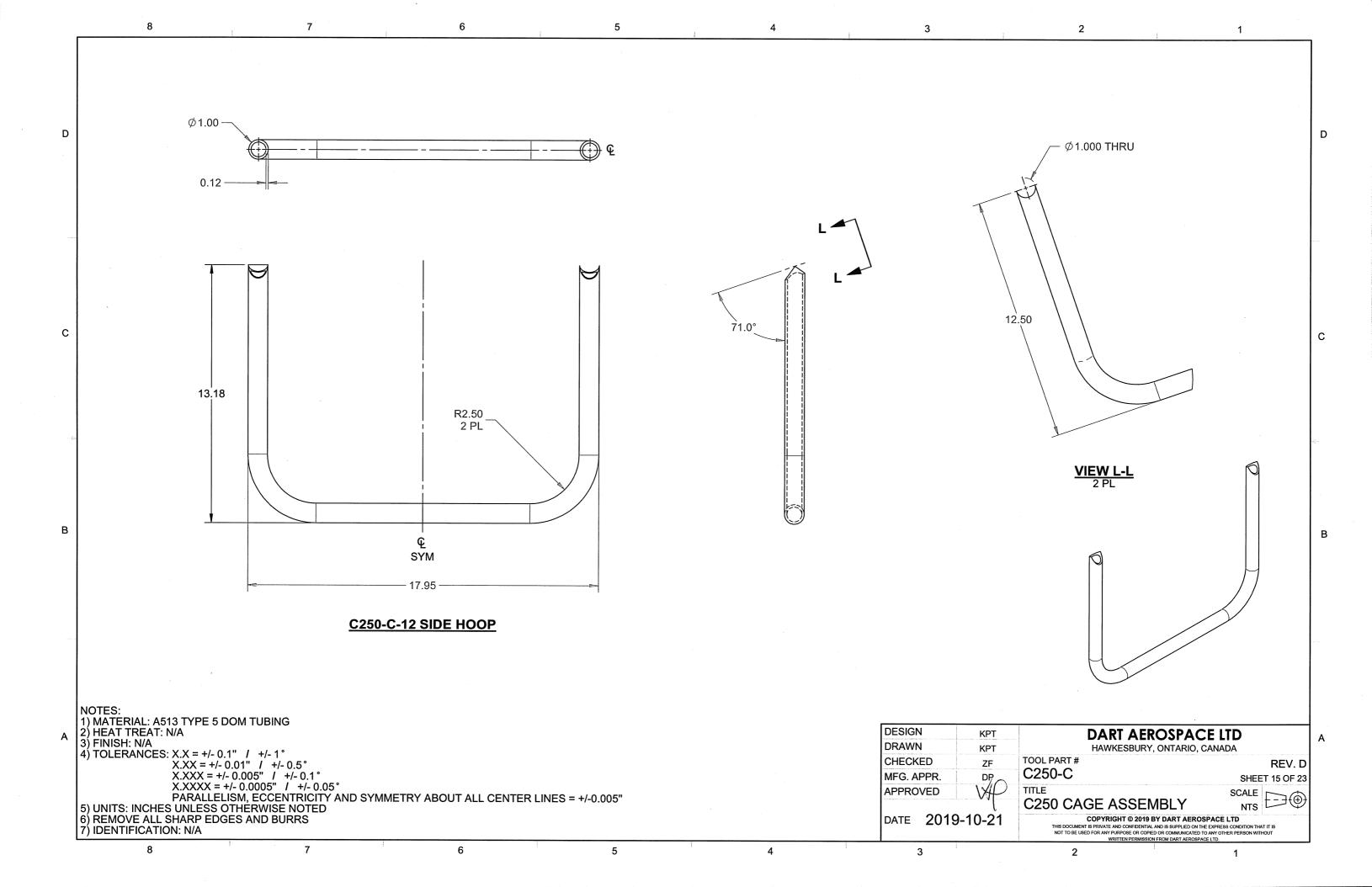
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS C250-C MFG. APPR. DP. **SHEET 10 OF 23** APPROVED TITLE SCALE NTS -C250 CAGE ASSEMBLY DATE 2019-10-21 COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART ARROSPACE, LTD. 7) IDENTIFICATION: N/A 7 6 3 2

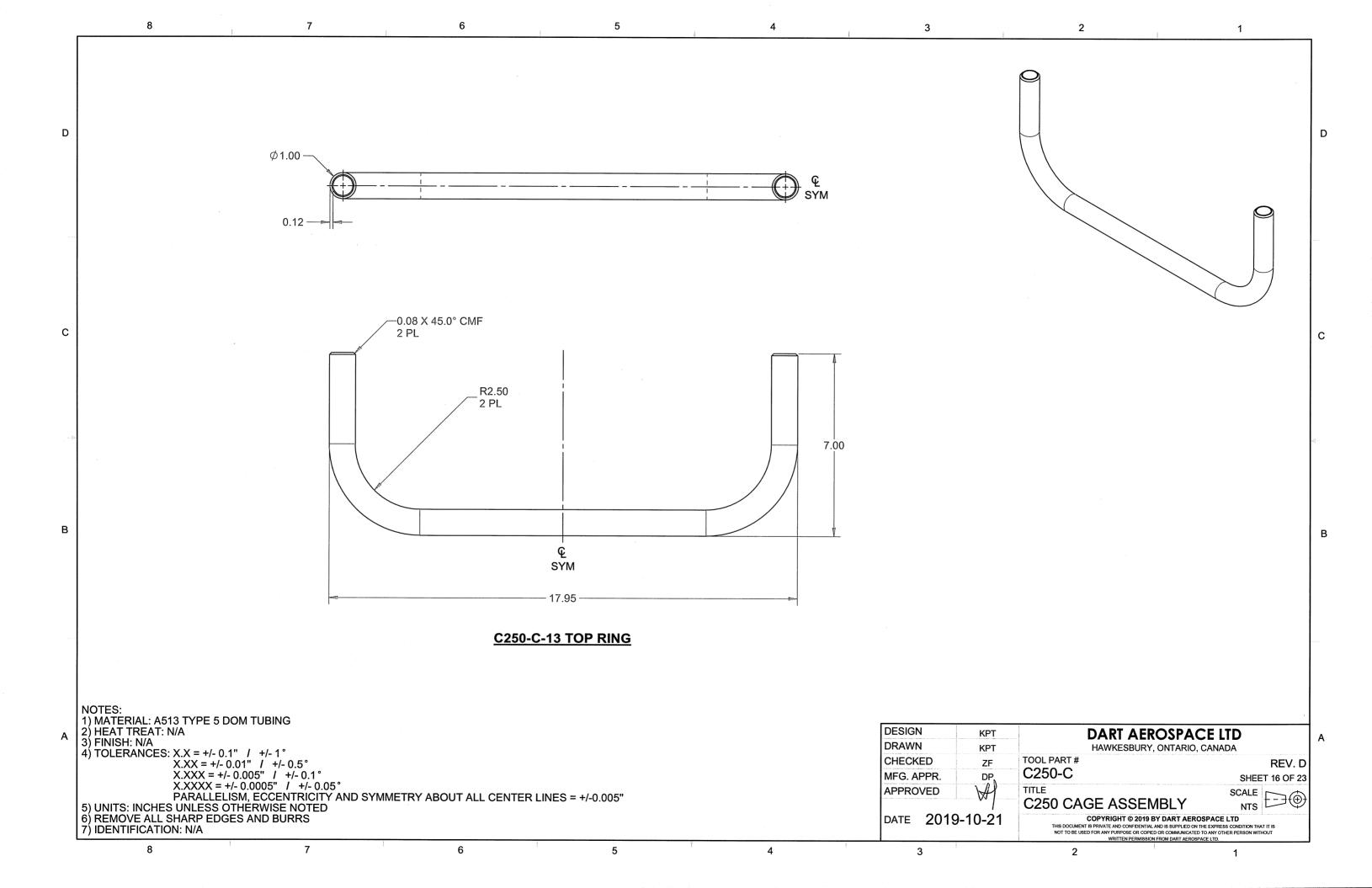


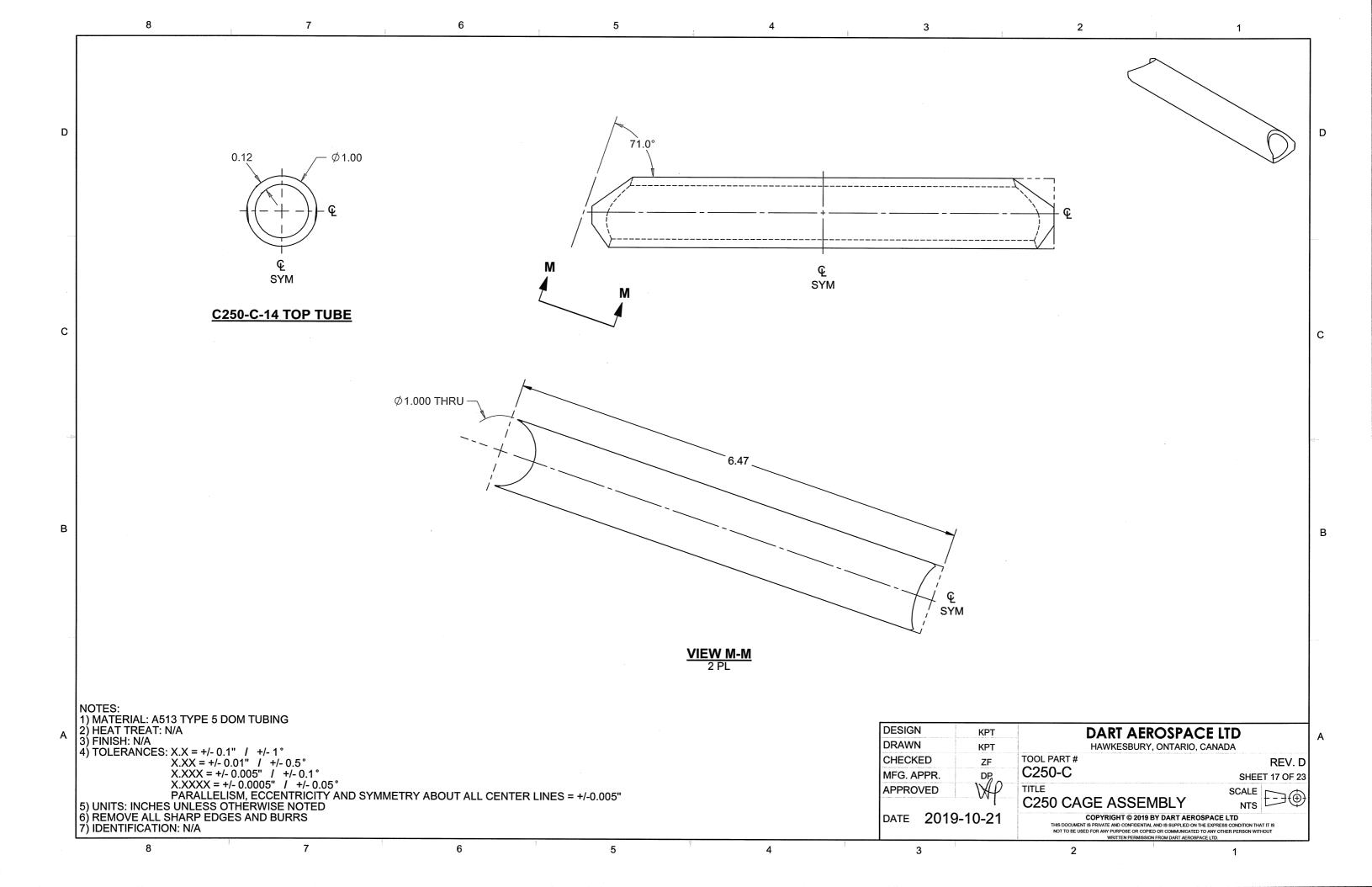


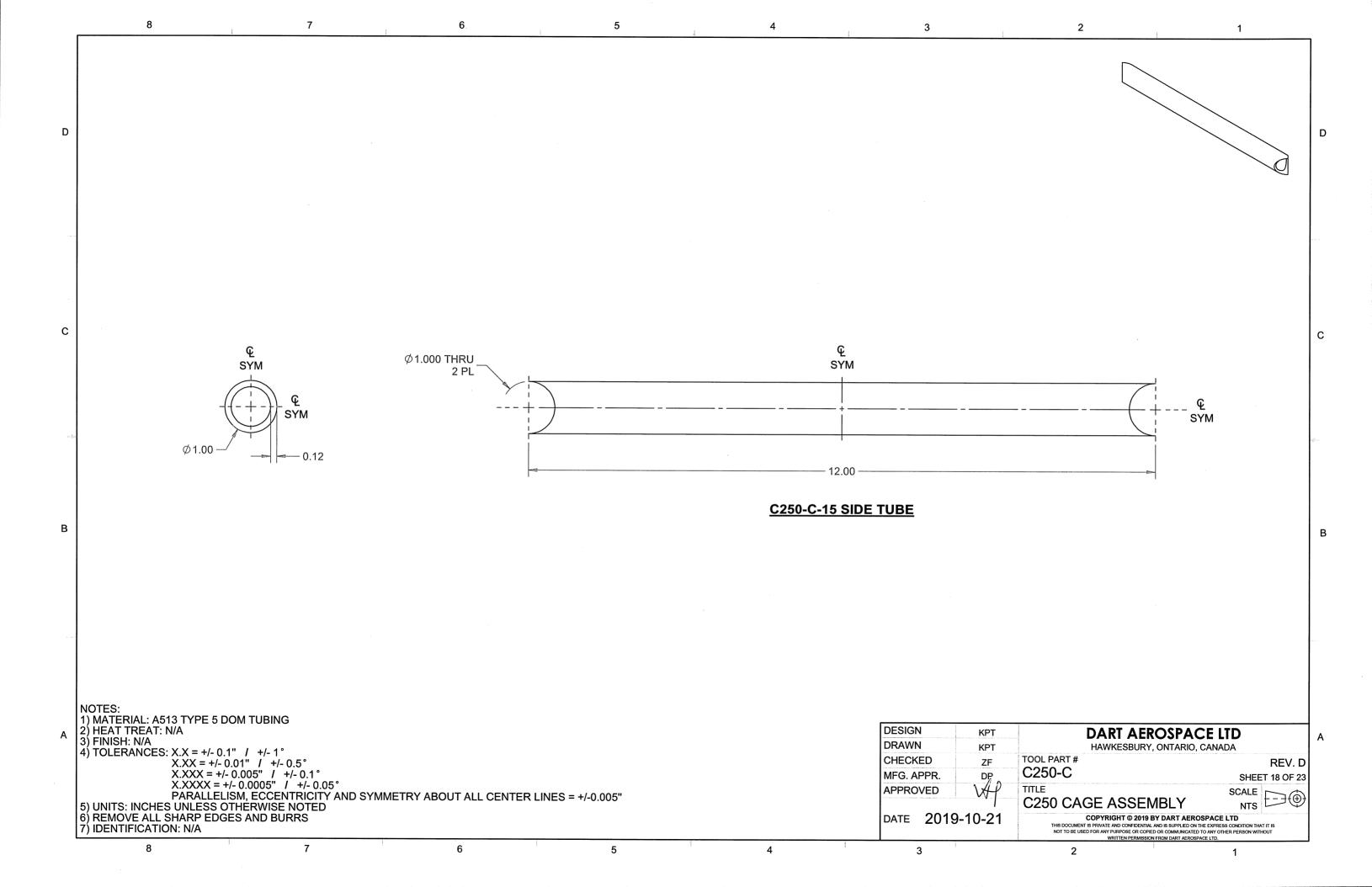


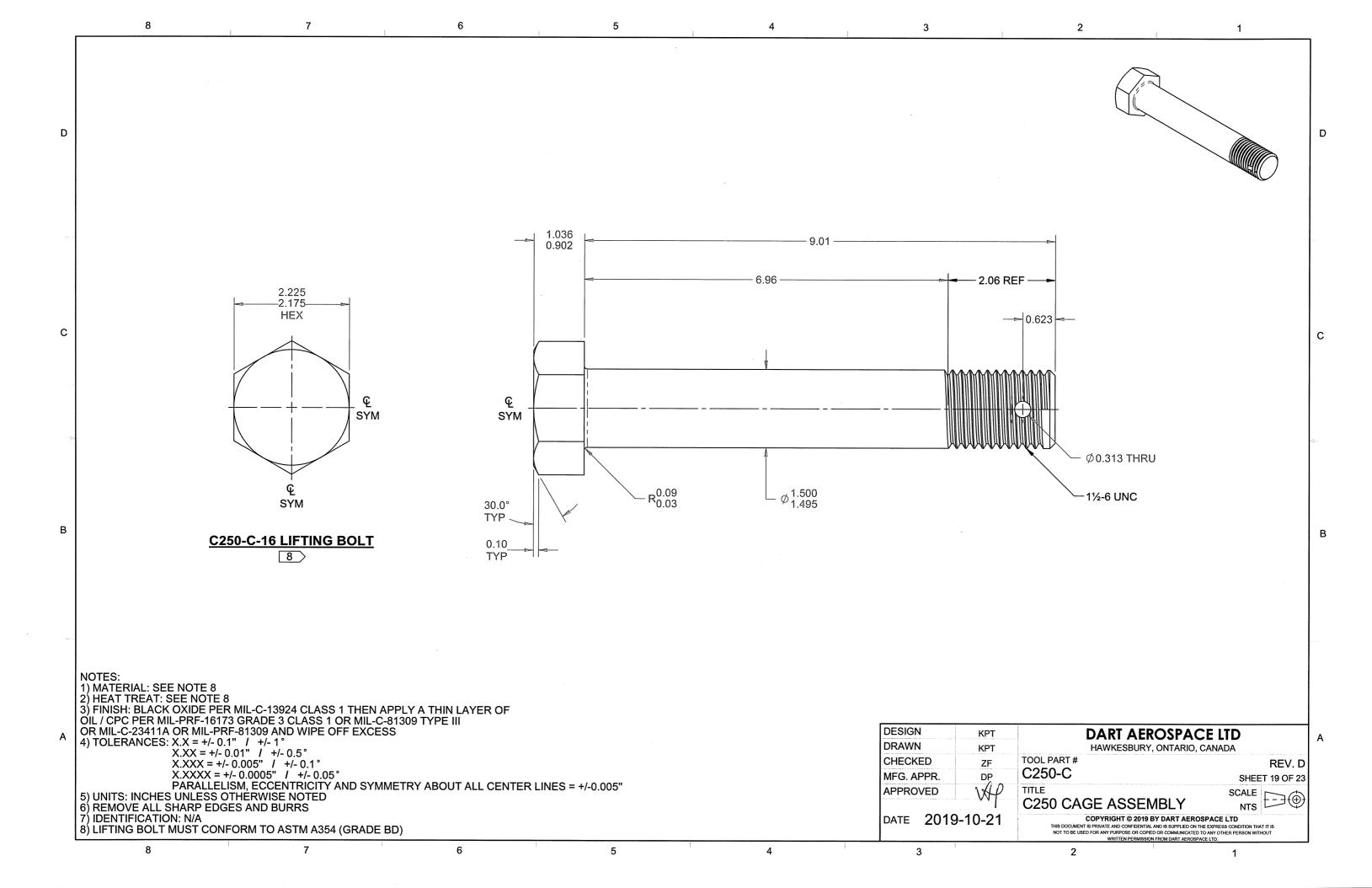










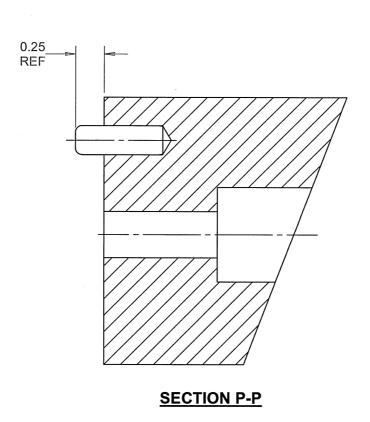


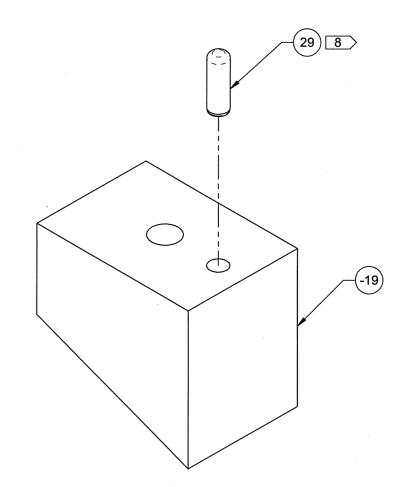
3 D R1.50 Ø1.531 THRU - $\emptyset$ 2.375 SYM <u>@</u> SYM SYM -0.05 X 45.0° CMF 2 PL 1.63 В 2.173 2.170 SYM C250-C-17 LIFTING BUSHING **SECTION N-N** DESIGN DART AEROSPACE LTD KPT DRAWN HAWKESBURY, ONTARIO, CANADA KPT CHECKED TOOL PART # ZF REV. D C250-C MFG. APPR. DP **SHEET 20 OF 23 APPROVED** SCALE NTS -C250 CAGE ASSEMBLY COPYRIGHT © 2019 BY DART AEROSPACE LTD

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## C250-C-18 BUMPER ASSEMBLY

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D

NOTES: 1) MATERIAL: N/A 2) HEAT TREAT: N/A 3) FINISH: N/A

DESIGN	KPT	DARI AEROSPAC	E LTD		
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA			
CHECKED ZF		TOOL PART #	REV. D		
MFG. APPR.	DP 1	C250-C	SHEET 21 OF 23		
APPROVED	WH	TITLE	SCALE	<b>一</b> 命	
	0, [	C250 CAGE ASSEMBLY	NTS C		
DATE 2019-10	0-21	COPYRIGHT © 2019 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

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3  $\bigcirc$ 0 D D SYM 2.08 REF - $\phi \stackrel{0.2495}{0.2487} \mp 0.50-$ Ø0.397 THRU -С 0.812 2.30 Ø0.813 1.12 69.Ó° -0.97В 1.20 В 1.65 **SECTION R-R C250-C-19 BUMPER** NOTES: 1) MATERIAL: UHMW DESIGN DART AEROSPACE LTD **KPT** DRAWN HAWKESBURY, ONTARIO, CANADA KPT CHECKED TOOL PART # ZF REV. D C250-C MFG. APPR. **SHEET 22 OF 23** APPROVED SCALE PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A NTS -C250 CAGE ASSEMBLY COPYRIGHT @ 2019 BY DART AEROSPACE LTD

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